

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (currently amended) A system for converting and retrofitting a bicycle wheel having a tire with an inner cavity engaged to a rim with an inner channel, comprising:
 - a strip of rim tape disposed within said channel;
 - a strip of sealing tape disposed within said channel, wherein said sealing tape completely covers said rim tape; and
 - a liquid sealing compound disposed within said channel and said cavity, wherein said sealing compound comprises:
 - about 3 parts by volume liquid latex;
 - about 7 parts by volume water; and
 - about 6 parts by volume propylene glycol.
2. (cancelled)
3. (original) The system of claim 1 further comprising a valve stem inserted through a predetermined portion of said rim tape, said sealing tape, and said rim tape.

4. (currently amended) The system of claim 1, wherein said sealing compound further comprises about 0.25 parts by volume of an aggregate material.
5. (original) The system of claim 4, wherein said aggregate material comprises particles ranging in diameter from about 0.15 millimeters to about 0.60 millimeters.
6. (original) The system of claim 4, wherein said aggregate material comprises cornmeal.
7. (withdrawn) A compound for sealing punctures in a tubeless bicycle tire as they are formed, comprising: about 3 parts by volume liquid latex; about 7 parts by volume water; and about 6 parts by volume propylene glycol.
8. (withdrawn) The compound of claim 7, further comprising about 0.25 parts by volume of an aggregate material.
9. (withdrawn) The compound of claim 8, wherein said aggregate material comprises particles ranging in diameter from about 0.15 millimeters to about 0.60 millimeters.
10. (withdrawn) The compound of claim 9, wherein said aggregate material comprises cornmeal.

11. (withdrawn) A method for converting and retrofitting a bicycle wheel having a rim with a channel and opposing first and second ridges and a tire with a cavity and first and second opposing beads, comprising the steps of: positioning a strip of sealing tape in said channel; engaging said first bead with said first ridge; injecting a predetermined amount of a sealing compound into said channel and said cavity; and engaging said second bead with said second ridge.

12. (withdrawn) The method of claim 11, further comprising installing a valve stem through said rim tape and said rim.

13. (withdrawn) The method of claim 11, further comprising inflating said tire and installing said tire on a bicycle.

14. (withdrawn) A system for converting and retrofitting a bicycle wheel having a tire with an inner cavity and opposing first and second beads engaged to a rim with an inner channel and first and second opposing ridges, said system comprising:

a rim strip having first and second outer edges separated by a median portion disposed within said channel, wherein said first and second outer edges engage said first and second beads and said first and second ridges;

a valve stem integrally formed with said rim strip and having a hole formed therethrough which is in communication with said inner cavity;

and a liquid sealing compound disposed within said channel and said cavity.

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15. (withdrawn) The system of claim 14, wherein the said first and second outer edges are thicker in cross-section than said median portion of said rim strip.